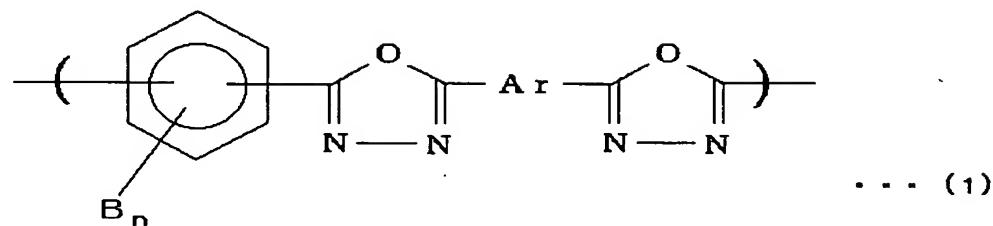


Replaced  
by Art. 34  
Amendments

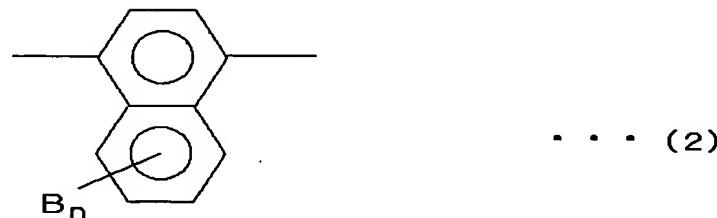
We claim:

1. A luminescent polymer having a repeating unit represented by formula (1):



wherein Ar is a group represented by one of formulas (2)-(5); B is  $-Y-Ar^1$ ,  $-Y-R$ , or a hydrogen atom, wherein Y is a single bond or  $-O-$ ,  $Ar^1$  is a group represented by formula (6), and R is an alkyl group or an alkenyl group; and n denotes an integer from 1 to 4, wherein Bs may be the same or different from each other when n is 2, 3, or 4; at least one of the Bs in formula (1) is  $-Y-Ar^1$  or  $-Y-R$  when B or Bs in formula (2), (3), (4) or (5) are a hydrogen atom or hydrogen atoms; and at least one of the Bs in the group represented by any one of formulas (2)-(5) must be  $-Y-Ar^1$  or  $-Y-R$  when B or Bs bonded to the benzene ring in formula (1) are a hydrogen atom or hydrogen atoms,

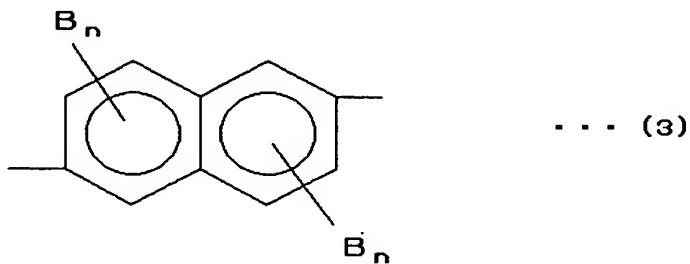
wherein the group represented by formula (2) is:



wherein B in formula (2) is the same as that defined above; n denotes an integer of 1 to 4, and when n is 2, 3, or 4, Bs

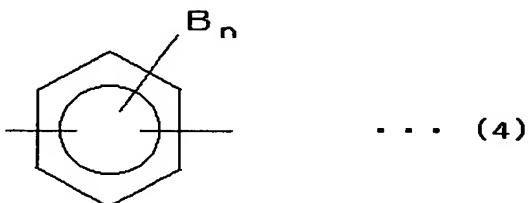
may be the same or different from each other;

the group represented by the formula (3) is:



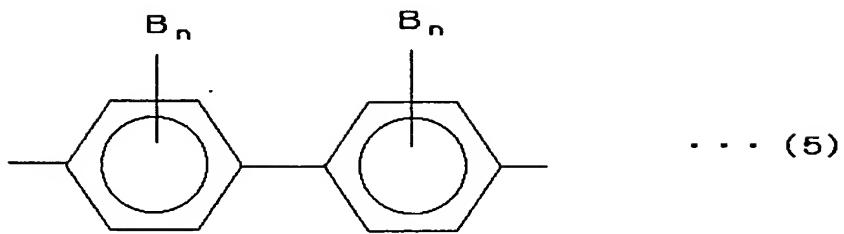
wherein each of the Bs in formula (3) is the same as that defined above, n denotes an integer of 1 to 3, and Bs may be the same or different from each other;

the group represented by the formula (4) is:



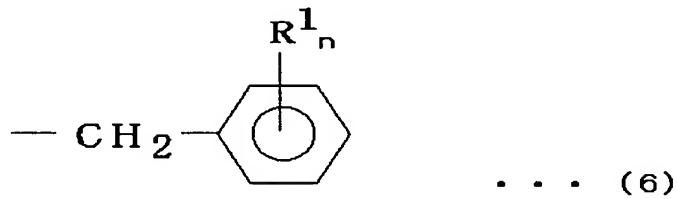
wherein B in formula (4) means the same as that defined above, n denotes an integer of 1 to 4, and when n is 2, 3, or 4, Bs may be the same or different from each other;

the group represented by the formula (5) is:



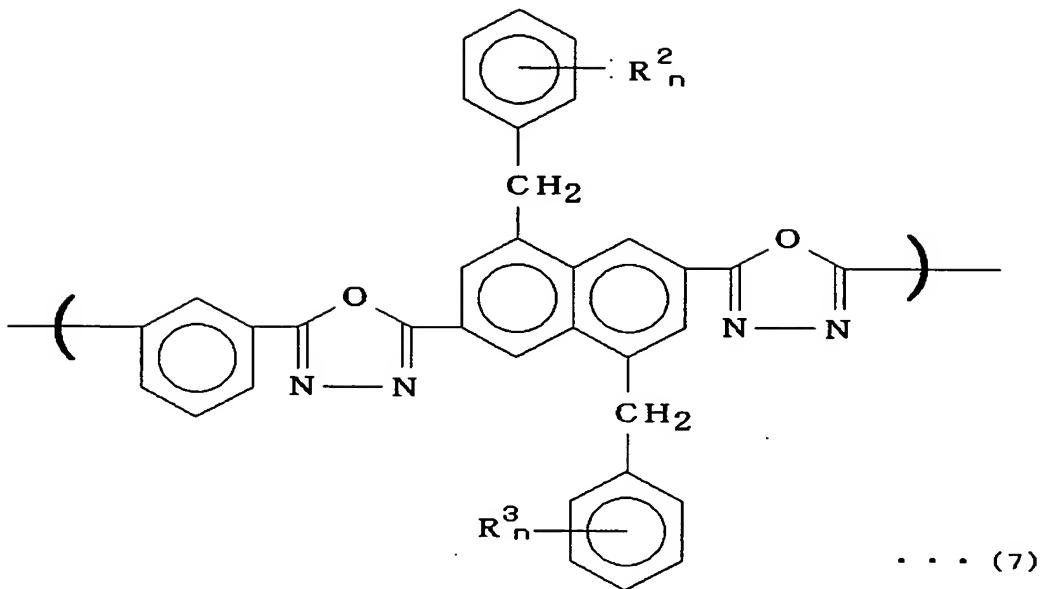
wherein each of the Bs is the same as that defined above, n denotes an integer of 1 to 4, and Bs may be the same or different from each other; and

the group represented by the formula (6) is:



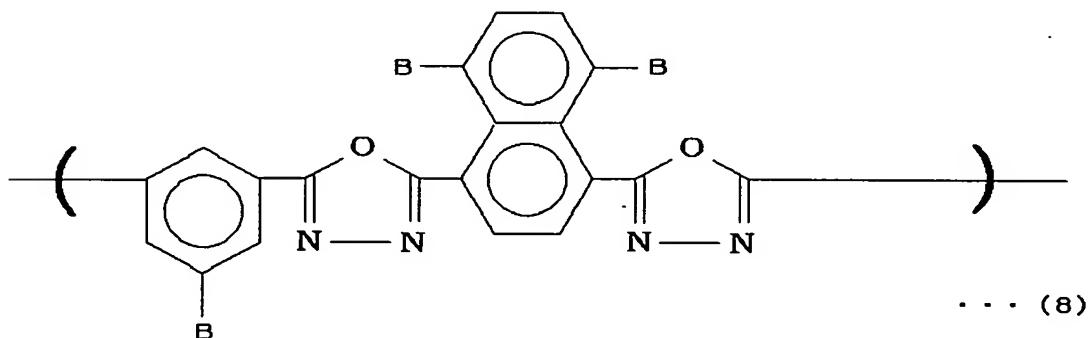
wherein R<sup>1</sup> is a hydrogen atom or an alkyl group, and n denotes an integer of 1 to 5.

2. A luminescent polymer having a repeating unit represented by formula (7):



wherein each of  $R^2$  and  $R^3$  is an alkyl group;  $n$  denotes an integer of 1-5; when  $n$  is 2, 3, 4 or 5,  $R^2$ 's may be the same or different from each other and  $R^3$ 's may be the same or different from each other; and  $R^2(s)$  and  $R^3(s)$  may be the same or different from each other.

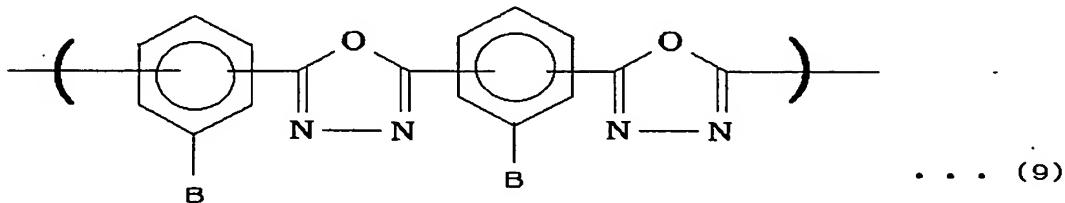
3. A luminescent polymer having a repeating unit represented by formula (8):



wherein each of the Bs in formula (8) means the same as that

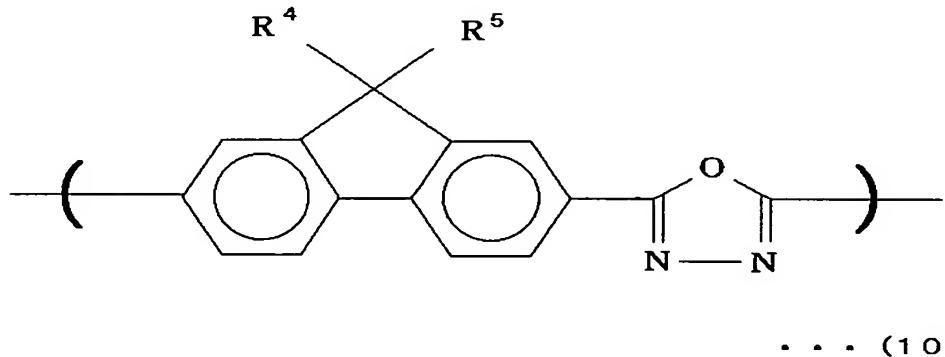
defined in claim 1; and at least one of the three Bs is  $-Y-Ar^1$  or  $-Y-R$ , wherein Y,  $Ar^1$  and R are the same as those defined in claim 1.

4. A luminescent polymer having a repeating unit represented by formula (9):



wherein each B in formula (9) is the same as that defined in claim 1, and at least one of the two Bs is  $-Y-Ar^1$  or  $-Y-R$ .

5. A luminescent polymer having a repeating unit represented by formula (10):



wherein each of  $R^4$  and  $R^5$  is an alkyl group, and  $R^4$  and  $R^5$  may be the same or different from each other.

6. A luminescent element comprising a pair of electrodes and a film of the luminescent polymer according to any one of

claims 1-5 between the electrodes.